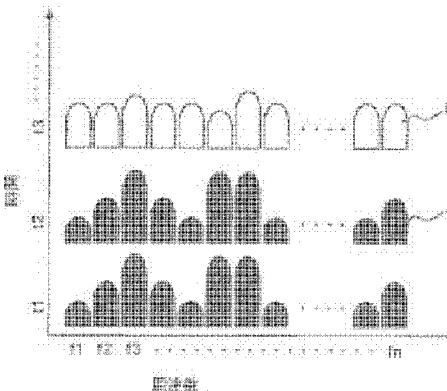


**COMMUNICATION METHOD AND APPARATUS THEREOF**

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- **international:** H04J11/00; H04B7/26; H04J11/00; H04B7/26; (IPC1-7): H04J11/00; H04B7/26  
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**Abstract of JP 2003060609 (A)**

**PROBLEM TO BE SOLVED:** To obtain a communication method for achieving excellent propagation path state estimation and the compensation of sufficient reception waveform, and at the same time improving system throughput and transmission power efficiency in radio communication adopting an OFDM modulation/demodulation system. **SOLUTION:** In the communication method, when the modulation system of each subcarrier is to be changed adaptably in communication using an OFDM modulation/demodulation system, the number of pilot subcarriers of each subcarrier and electric power are changed according to a modulation system to be applied.



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